

CLAIMS

What is claimed is:

1. A method for monitoring audible tones indicative of operational status of each planar in a multiple planar chassis, the method comprising:

 monitoring a speaker channel of each planar of a plurality of planars in a common chassis for state changes of beep tones; and

 identifying an operational status of a specific planar emitting the beep tones based on the state changes.
2. The method of claim 1 wherein the step of monitoring further comprises monitoring with a microcontroller on each planar.
3. The method of claim 1 wherein the beep tones further comprise beep tones during a power on self test (POST) routine.
4. The method of claim 1 further comprising utilizing a timer to detect a duration of the beep tones.
5. The method of claim 1 wherein the step of identifying further comprises providing the state changes as a text message in an event log.

6. The method of claim 5 wherein providing the state changes further comprises providing the text message to a chassis management module.

7. The method of claim 1 wherein the state changes further comprise off-to-on and on-to-off transitions of the beep tones.

8. A system for monitoring audible tones indicative of operational status of each planar in a multiple planar chassis, the system comprising:

a chassis; and

a plurality of planars contained within the chassis, each of the plurality of planars including a speaker output that emits beep tones and each planar monitoring the beep tones for state changes, wherein an operational status of each planar based on the state changes is identified.

9. The system of claim 8 wherein each planar further comprises a management microcontroller for monitoring the speaker output.

10. The system of claim 9 wherein the management microcontroller utilizes a timer to detect a duration of the beep tones.

11. The system of claim 8 further comprising a chassis management module within the chassis and coupled to each planar.

12. The system of claim 11 wherein the management microcontroller provides the state changes as a text message to an event log of the chassis management module.

13. The system of claim 8 wherein the state changes further comprise off-to-on and on-to-off transitions of the beep tones.

14. The system of claim 8 wherein the beep tones further comprise beep tones during a POST routine.

15. A multiple planar chassis, the chassis comprising:
a plurality of planars, each of the plurality of planars including a speaker and a management microcontroller, the management microcontroller monitoring signals output to the speaker to detect potential fault conditions in the planar; and
a chassis management module coupled to each management microcontroller and receiving data from the management microcontroller indicative of a detected fault condition.

16. The chassis of claim 15 wherein the management microcontroller monitors state transitions in audible beep tones.

17. The chassis of claim 16 wherein the management microcontroller monitors the audible beep tones during a planar POST routine.

18. The chassis of claim 16 wherein the management microcontroller sends a text message to an event log of the chassis management module based on the state transitions.